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| | | | |
|---|---|---|---|
| NEWS | 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS | 2 | | "Ask CAS" for self-help around the clock |
| NEWS | 3 | FEB 28 | PATDPAFULL - New display fields provide for legal status data from INPADOC |
| NEWS | 4 | FEB 28 | BABS - Current-awareness alerts (SDIs) available |
| NEWS | 5 | MAR 02 | GBFULL: New full-text patent database on STN |
| NEWS | 6 | MAR 03 | REGISTRY/ZREGISTRY - Sequence annotations enhanced |
| NEWS | 7 | MAR 03 | MEDLINE file segment of TOXCENTER reloaded |
| NEWS | 8 | MAR 22 | KOREAPAT now updated monthly; patent information enhanced |
| NEWS | 9 | MAR 22 | Original IDE display format returns to REGISTRY/ZREGISTRY |
| NEWS | 10 | MAR 22 | PATDPASPC - New patent database available |
| NEWS | 11 | MAR 22 | REGISTRY/ZREGISTRY enhanced with experimental property tags |
| NEWS | 12 | APR 04 | EPFULL enhanced with additional patent information and new fields |
| NEWS | 13 | APR 04 | EMBASE - Database reloaded and enhanced |
| NEWS | 14 | APR 18 | New CAS Information Use Policies available online |
| NEWS | 15 | APR 25 | Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications. |
| NEWS | 16 | APR 28 | Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus |
| NEWS | 17 | MAY 23 | GBFULL enhanced with patent drawing images |
| NEWS | 18 | MAY 23 | REGISTRY has been enhanced with source information from CHEMCATS |
| NEWS | 19 | JUN 06 | The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available |
| NEWS | 20 | JUN 13 | RUSSIAPAT: New full-text patent database on STN |
| NEWS | 21 | JUN 13 | FRFULL enhanced with patent drawing images |
| NEWS | 22 | JUN 27 | MARPAT displays enhanced with expanded G-group definitions and text labels |
| NEWS | 23 | JUL 01 | MEDICONF removed from STN |
| NEWS | 24 | JUL 07 | STN Patent Forums to be held in July 2005 |
| NEWS | 25 | JUL 13 | SCISEARCH reloaded |
| NEWS | 26 | JUL 20 | Powerful new interactive analysis and visualization software, STN AnaVist, now available |
| NEWS | 27 | AUG 11 | Derwent World Patents Index(R) web-based training during August |
| NEWS | 28 | AUG 11 | STN AnaVist workshops to be held in North America |
| NEWS | 29 | AUG 30 | CA/CAplus -Increased access to 19th century research documents |
| NEWS | 30 | AUG 30 | CASREACT - Enhanced with displayable reaction conditions |

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT

MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 00:02:02 ON 06 SEP 2005

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 00:02:17 ON 06 SEP 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 SEP 2005 HIGHEST RN 862457-92-9
DICTIONARY FILE UPDATES: 4 SEP 2005 HIGHEST RN 862457-92-9

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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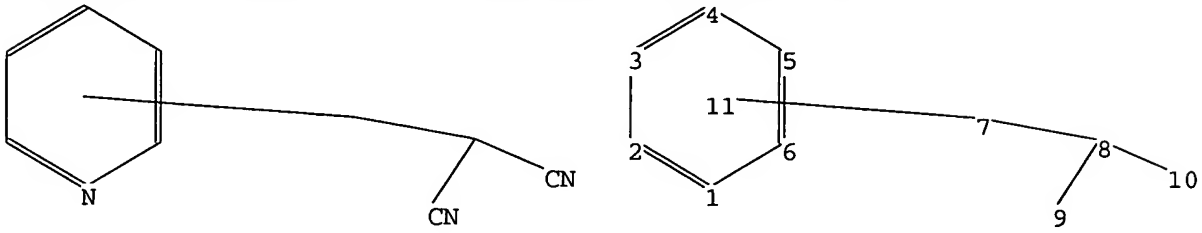
**********
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
**********

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer

to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10516343.str

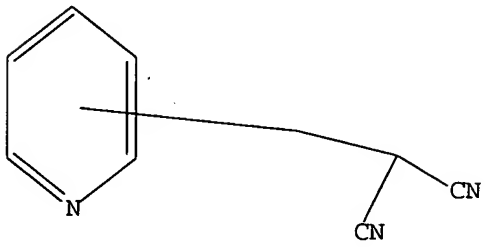



chain nodes :
7 8 9 10
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 8-9 8-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact bonds :
7-8 8-9 8-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR




Structure attributes must be viewed using STN Express query preparation.

=> s l1

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SAMPLE SEARCH INITIATED 00:02:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    297 TO ITERATE

100.0% PROCESSED      297 ITERATIONS                                6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         4907 TO     6973
PROJECTED ANSWERS:               6 TO      266

L2            6 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 00:02:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   6100 TO ITERATE

100.0% PROCESSED     6100 ITERATIONS                              113 ANSWERS
SEARCH TIME: 00.00.01

L3          113 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               161.33     161.54

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FILE LAST UPDATED: 4 Sep 2005  (20050904/ED)

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  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s l3
L4            10 L3

=> d ibib abs hitstr tot
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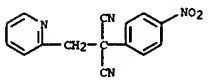
L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:389622 CAPLUS
DOCUMENT NUMBER: 140:400059
TITLE: Composition containing activators of IC potassium channels and calcineurin antagonists and their use for the treatment of inflammatory diseases
INVENTOR(S): Kaesler, Susanne; Koegel, Heidi; Alzheimer, Christian; Sych, Michael
PATENT ASSIGNEE(S): Switch Biotech A.-G., Germany; Ludwig-Maximilians-Universitat; ETH Zurich
SOURCE: Ger. Offen., 73 pp.
CODEN: GWXXEX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| DE 10250870 | A1 | 20040513 | DE 2002-10250870 | 20021031 |
| WO 2004039409 | A2 | 20040513 | WO 2003-EP12130 | 20031031 |
| WO 2004039409 | A3 | 20040910 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: DE 2002-10250870 A 20021031
OTHER SOURCE(S): MARPAT 140:400059
AB The invention discloses compns., containing activators of IC (intermediate conductance) potassium channels and calcineurin antagonists, as well as their use for the treatment of inflammatory diseases, in particular inflammatory skin diseases.
IT 688308-94-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(IC potassium channel activators and calcineurin antagonists for treatment of inflammatory diseases)
RN 688308-94-3 CAPLUS
CN Propanedinitrile, (4-nitrophenyl)(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

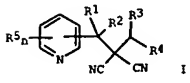


L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:60225 CAPLUS
DOCUMENT NUMBER: 140:106962
TITLE: Malononitrile compounds and their use as pesticides
INVENTOR(S): Otaka, Ken; Oohira, Daisuke; Takaoka, Daisuke
PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004006677 | A1 | 20040122 | WO 2003-JP8579 | 20030707 |
| JP 2004099592 | A2 | 20040402 | JP 2003-192751 | 20030707 |
| EP 1521528 | A1 | 20050413 | EP 2003-741228 | 20030707 |
| BR 2003012638 | A | 20050607 | BR 2003-12638 | 20030707 |
| US 2005176784 | A1 | 20050811 | US 2003-516343 | 20030707 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: JP 2002-208059 A 20020717
WO 2003-JP8579 W 20030707
OTHER SOURCE(S): MARPAT 140:106962
GI



AB Malononitrile compound I (R1 = C1-C5 (halo)alkyl and the like; R2 = C1-C5 (halo)alkyl; R3, R4 = C1-C6 (halo)alkyl and the like; R5 = halo and the like; n = 0-4, and when n ≥ 2 , R5 may be the same or different) have an efficient pesticidal activity and can control effectively pests such as insect pests, acarine pests, nematode pests, and the like.
IT 647839-51-8 647839-53-0 647839-54-1
647839-55-2 647839-56-3 647839-57-4
647839-58-5 647839-59-6 647839-60-9
647839-61-0 647839-62-1 647839-63-2
647839-64-3 647839-65-4 647839-66-5
647839-67-6 647839-68-7 647839-69-8
647839-70-1 647839-71-2 647839-72-3
647839-73-4 647839-74-5 647839-75-6
647839-76-7 647839-77-8 647839-78-9

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
647839-79-0 647839-80-3 647839-81-4
647839-82-5 647839-83-6 647839-84-7
647839-85-8 647839-86-9 647839-87-0
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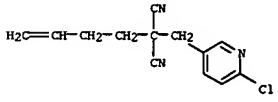
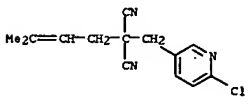
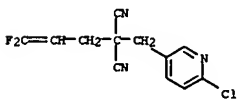
647839-91-6 647839-92-7 647839-93-8
647839-94-9 647839-95-0 647839-96-1
647839-97-2 647839-98-3 647839-99-4
647840-00-4 647840-01-5 647840-02-6
647840-03-7 647840-04-8 647840-05-9
647840-06-0
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(malononitrile compds. as pesticides)
RN 647839-51-8 CAPLUS
CN Propanedinitrile, 3-butenyl[(6-chloro-3-pyridinyl)methyl]- (9CI) (CA INDEX NAME)



RN 647839-53-0 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](3-methyl-2-butenyl)- (9CI) (CA INDEX NAME)

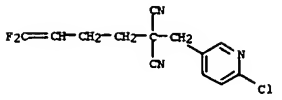


RN 647839-54-1 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](3,3-difluoro-2-propenyl)- (9CI) (CA INDEX NAME)



RN 647839-55-2 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](4,4-difluoro-3-butenyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 647839-56-3 CAPLUS
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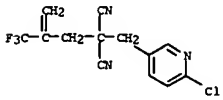

RN 647839-57-4 CAPLUS
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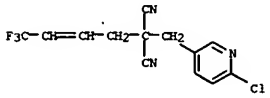

RN 647839-58-5 CAPLUS
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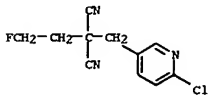
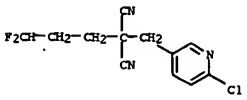


RN 647839-59-6 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](3,3-difluoropropyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 647839-60-9 CAPLUS
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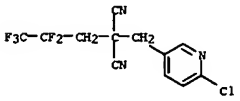

RN 647839-61-0 CAPLUS
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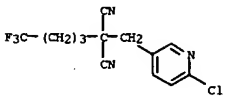

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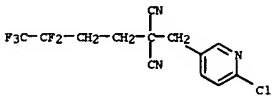
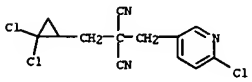


RN 647839-63-2 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl][(2,2-

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
dichlorocyclopropyl)methyl]- (9CI) (CA INDEX NAME)



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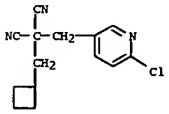
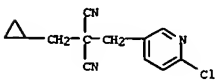
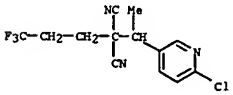


RN 647839-65-4 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](cyclopropylmethyl)- (9CI) (CA INDEX NAME)

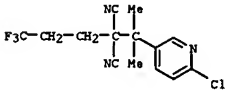


RN 647839-66-5 CAPLUS
CN Propanedinitrile, [1-(6-chloro-3-pyridinyl)ethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

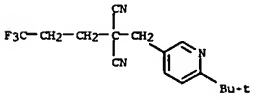


RN 647839-67-6 CAPLUS
CN Propanedinitrile, [1-(6-chloro-3-pyridinyl)-1-methylethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

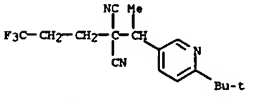
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



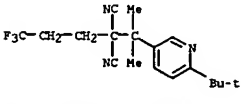
RN 647839-68-7 CAPLUS
CN Propanedinitrile, [[6-(1,1-dimethylethyl)-3-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-69-8 CAPLUS
CN Propanedinitrile, [1-[6-(1,1-dimethylethyl)-3-pyridinyl]ethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

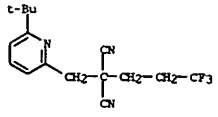


RN 647839-70-1 CAPLUS
CN Propanedinitrile, [1-[6-(1,1-dimethylethyl)-3-pyridinyl]-1-methylethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

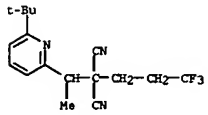


RN 647839-71-2 CAPLUS
CN Propanedinitrile, [[6-(1,1-dimethylethyl)-2-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

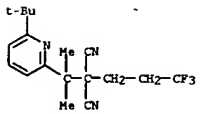
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



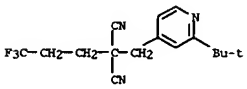
RN 647839-72-3 CAPLUS
CN Propanedinitrile, [1-[6-(1,1-dimethylethyl)-2-pyridinyl]ethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-73-4 CAPLUS
CN Propanedinitrile, [1-[6-(1,1-dimethylethyl)-2-pyridinyl]-1-methylethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

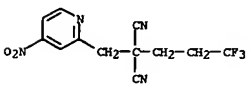


RN 647839-74-5 CAPLUS
CN Propanedinitrile, [[2-(1,1-dimethylethyl)-4-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

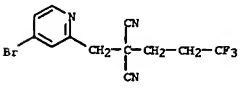


RN 647839-75-6 CAPLUS

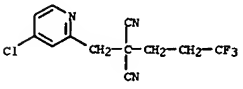
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



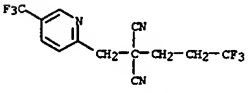
RN 647839-80-3 CAPLUS
CN Propanedinitrile, [(4-bromo-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-81-4 CAPLUS
CN Propanedinitrile, [(4-chloro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME).

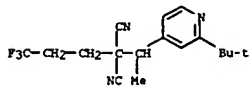


RN 647839-82-5 CAPLUS
CN Propanedinitrile, [(5-(trifluoromethyl)-2-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

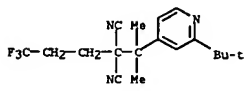


RN 647839-83-6 CAPLUS
CN Propanedinitrile, [(5-cyano-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

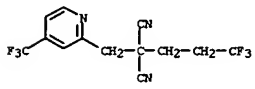
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Propanedinitrile, [1-[2-(1,1-dimethylethyl)-4-pyridinyl]ethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



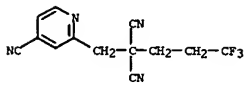
RN 647839-76-7 CAPLUS
CN Propanedinitrile, [1-[2-(1,1-dimethylethyl)-4-pyridinyl]-1-methylethyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-77-8 CAPLUS
CN Propanedinitrile, [[4-(trifluoromethyl)-2-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

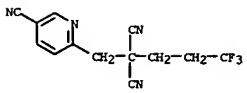


RN 647839-78-9 CAPLUS
CN Propanedinitrile, [(4-cyano-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

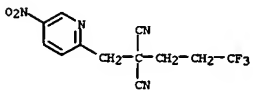


RN 647839-79-0 CAPLUS
CN Propanedinitrile, [(4-nitro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

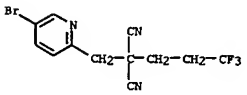
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



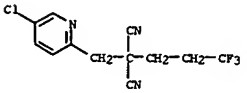
RN 647839-84-7 CAPLUS
CN Propanedinitrile, [(5-nitro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-85-8 CAPLUS
CN Propanedinitrile, [(5-bromo-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

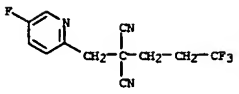


RN 647839-86-9 CAPLUS
CN Propanedinitrile, [(5-chloro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

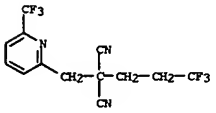


RN 647839-87-0 CAPLUS
CN Propanedinitrile, [(5-fluoro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

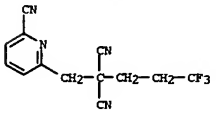
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



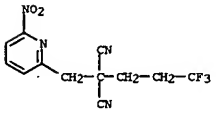
RN 647839-88-1 CAPLUS
CN Propanedinitrile, [[6-(trifluoromethyl)-2-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-89-2 CAPLUS
CN Propanedinitrile, [(6-cyano-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

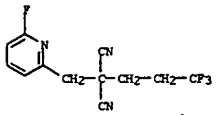


RN 647839-90-5 CAPLUS
CN Propanedinitrile, [(6-nitro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

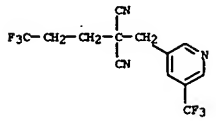


RN 647839-91-6 CAPLUS

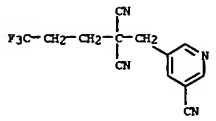
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Propanedinitrile, [(6-fluoro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-92-7 CAPLUS
CN Propanedinitrile, [[5-(trifluoromethyl)-3-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

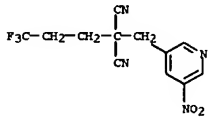


RN 647839-93-8 CAPLUS
CN Propanedinitrile, [(5-cyano-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

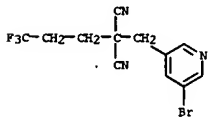


RN 647839-94-9 CAPLUS
CN Propanedinitrile, [(5-nitro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

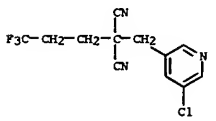
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



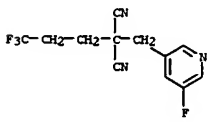
RN 647839-95-0 CAPLUS
CN Propanedinitrile, [(5-bromo-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-96-1 CAPLUS
CN Propanedinitrile, [(5-chloro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

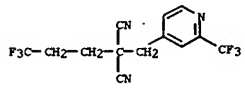


RN 647839-97-2 CAPLUS
CN Propanedinitrile, [(5-fluoro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

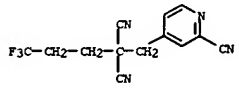


RN 647839-98-3 CAPLUS
CN Propanedinitrile, [[2-(trifluoromethyl)-4-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

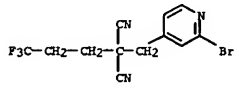
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



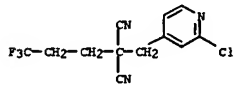
RN 647839-99-4 CAPLUS
CN Propanedinitrile, [(2-cyano-4-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647840-00-4 CAPLUS
CN Propanedinitrile, [(2-bromo-4-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

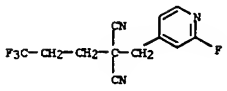


RN 647840-01-5 CAPLUS
CN Propanedinitrile, [(2-chloro-4-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

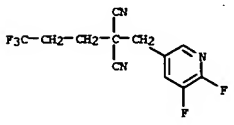


RN 647840-02-6 CAPLUS
CN Propanedinitrile, [(2-fluoro-4-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

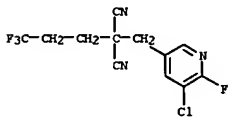
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



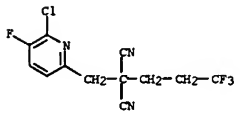
RN 647840-03-7 CAPLUS
CN Propanedinitrile, [(5,6-difluoro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647840-04-8 CAPLUS
CN Propanedinitrile, [(5-chloro-6-fluoro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

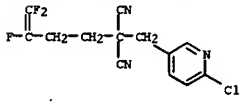


RN 647840-05-9 CAPLUS
CN Propanedinitrile, [(6-chloro-5-fluoro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

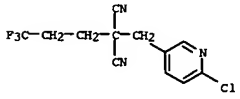


RN 647840-06-0 CAPLUS

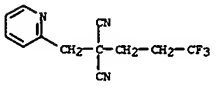
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



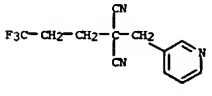
RN 647839-39-2 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-40-5 CAPLUS
CN Propanedinitrile, (2-pyridinylmethyl)(3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

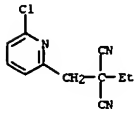


RN 647839-41-6 CAPLUS
CN Propanedinitrile, (3-pyridinylmethyl)(3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



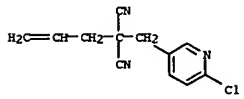
RN 647839-42-7 CAPLUS
CN Propanedinitrile, (4-pyridinylmethyl)(3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Propanedinitrile, [(6-chloro-2-pyridinyl)methyl]ethyl- (9CI) (CA INDEX NAME)

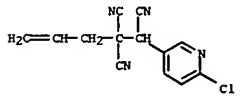


IT 647839-35-8P 647839-37-0P 647839-38-1P
647839-39-2P 647839-40-5P 647839-41-6P
647839-42-7P 647839-43-8P 647839-44-9P
647839-45-0P 647839-46-1P 647839-47-2P
647839-48-3P 647839-49-4P 647839-50-7P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(malononitrile compds. as pesticides)

RN 647839-35-8 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl]-2-propenyl- (9CI) (CA INDEX NAME)

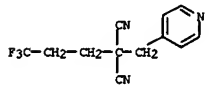


RN 647839-37-0 CAPLUS
CN 4-Pentene-1,2,2-tricarbonitrile, 1-(6-chloro-3-pyridinyl)- (9CI) (CA INDEX NAME)

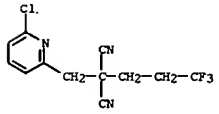


RN 647839-38-1 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl](3,4,4-trifluoro-3-butenyl)- (9CI) (CA INDEX NAME)

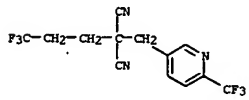
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



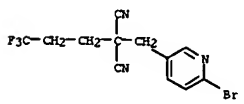
RN 647839-43-8 CAPLUS
CN Propanedinitrile, [(6-chloro-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-44-9 CAPLUS
CN Propanedinitrile, [[6-(trifluoromethyl)-3-pyridinyl]methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

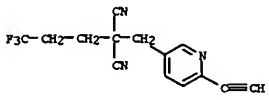


RN 647839-45-0 CAPLUS
CN Propanedinitrile, [(6-bromo-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

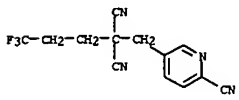


RN 647839-46-1 CAPLUS
CN Propanedinitrile, [(6-ethynyl-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

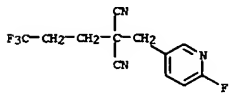
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



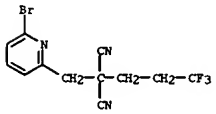
RN 647839-47-2 CAPLUS
CN Propanedinitrile, [(6-cyano-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)



RN 647839-48-3 CAPLUS
CN Propanedinitrile, [(6-fluoro-3-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

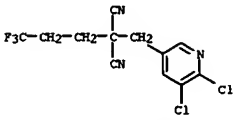


RN 647839-49-4 CAPLUS
CN Propanedinitrile, [(6-bromo-2-pyridinyl)methyl](3,3,3-trifluoropropyl)- (9CI) (CA INDEX NAME)

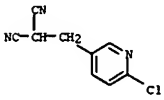


RN 647839-50-7 CAPLUS
CN Propanedinitrile, [(5,6-dichloro-3-pyridinyl)methyl](3,3,3-

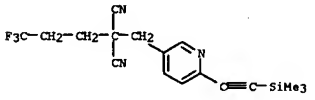
L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
trifluoropropyl)- (9CI) (CA INDEX NAME)



IT 359458-93-8P 647840-07-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of malononitrile compds. as pesticides)
RN 359458-93-8 CAPLUS
CN Propanedinitrile, [(6-chloro-3-pyridinyl)methyl]- (9CI) (CA INDEX NAME)

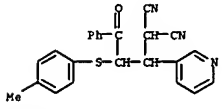


RN 647840-07-1 CAPLUS
CN Propanedinitrile, (3,3,3-trifluoropropyl)[[6-[(trimethylsilyl)ethynyl]-3-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



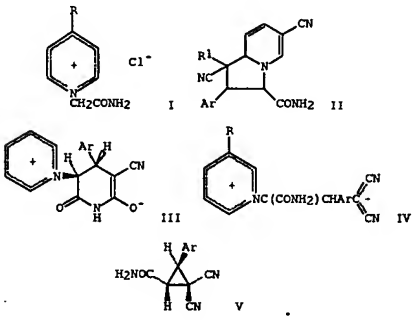
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:475066 CAPLUS
DOCUMENT NUMBER: 131:257405
TITLE: Reaction of β-keto sulfides with unsaturated nitriles as a method of synthesis of pyrans
AUTHOR(S): Samet, A. V.; Yamskov, A. N.; Semenov, V. V.
CORPORATE SOURCE: N. D. Zelinskii Institute of Organic Chemistry, Russian Academy of Sciences, Moscow, 117913, Russia
SOURCE: Chemistry of Heterocyclic Compounds (New York) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (1999), Volume Date 1998, 34(10), 1212-1213
CODEN: CHCCAL; ISSN: 0009-3122
PUBLISHER: Consultants Bureau
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Pyran derivs. were prepared by a reaction of β-keto sulfides, 2-[(4-methylphenyl)thio]-1-phenylethanone, 2-[(4-nitrophenyl)thio]-1-phenylethanone, 1-[(4-nitrophenyl)thio]-2-propanone, with unsatd. nitriles, (3-pyridinylmethylene)propanedinitrile or (phenylmethylene)propanedinitrile.
IT 244607-85-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of amino(arylthio)pyrancarbonitrile derivs.)
RN 244607-85-0 CAPLUS
CN Propanedinitrile, [2-[(4-methylphenyl)thio]-3-oxo-3-phenyl-1-(3-pyridinyl)propyl]- (9CI) (CA INDEX NAME)



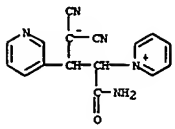
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1991:228685 CAPLUS
DOCUMENT NUMBER: 114:228685
TITLE: Regio- and stereodirected synthesis of tetrahydroindolizines, tetrahydropyridine-6-olates, and cyclopropanes based upon pyridinium ylides and unsaturated nitriles
AUTHOR(S): Shestopalov, A. M.; Litvinov, V. P.; Rodinovskaya, L. A.; Sharanin, Yu. A.
CORPORATE SOURCE: Inst. Org. Khim. im. Zelinskogo, Moscow, USSR
SOURCE: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1991), (1), 146-55
CODEN: IASKA6; ISSN: 0002-3353
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 114:228685
GI



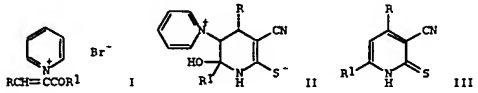
AB The regio- and stereoselectivity of the reactions of pyridinium ylides with unsatd. nitriles depends on the substituent at the 3-position of the pyridine ring. The reaction of cyanopyridinium chloride I (R = CN) with ArCH:C(CN)2 (Ar = substituted Ph) or (E)-ArCH:CCNCO2Et is regio- and stereoselective and gives cis- or trans-tetrahydroindolizines II (R1 = CN, CO2Et). The condensation of I (R = H) with (E)-ArCH:CCNCO2Et gives pyridiniotetrahydropyridinolates III. The reaction of I (R = H, Me) with ArCH:C(CN)2 gives propanamides IV, which subsequently undergo a stereoselective trans-elimination to form cyclopropanes V.
IT 133829-00-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and stereoselective cyclization of)
RN 133829-00-2 CAPLUS
CN Pyridinium, 1-[1-(aminocarbonyl)-3,3-dicyano-2-(3-pyridinyl)propyl]-, inner salt (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

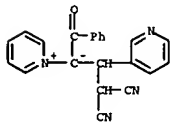
ACCESSION NUMBER: 1990:515034 CAPLUS
DOCUMENT NUMBER: 113:115034
TITLE: Stereochemical aspects of formation of substituted hydrogenated 3-(1-pyridinio)-6-pyridinethiolates and their derived 4,6-diaryl-3-cyano-2(1H)-pyridinethiones
AUTHOR(S): Shestopalov, A. M.; Sharanin, Yu. A.; Promonenkov, V. K.
CORPORATE SOURCE: Voroshilovgr. Gos. Pedogog. Inst., Voroshilovgrad, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1990), (3), 370-5
CODEN: KGSSAQ; ISSN: 0453-8234
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 113:115034
GI



AB NCCH2CSNH2 reacted with pyridinium bromides (I; R = 4-FC6H4, 4-BrC6H4, 3-pyridyl; R1 = Ph, 4-BrC6H4) to give pyridinium pyridinethiolates (II) in the half-chair conformation with axial H atoms at positions 3 and 4. II were formed via the Michael adducts. Reaction of II with NH4OAc/HOAc gave pyridinethiones (III).

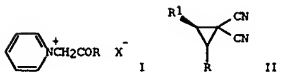
IT 129115-52-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and cyclization with hydrogen sulfide)

RN 129115-52-2 CAPLUS
CN Pyridinium, 1-benzoyl-3,3-dicyano-2-(3-pyridinyl)propylide (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1990:55026 CAPLUS
DOCUMENT NUMBER: 112:55026
TITLE: New stereoselective synthesis of cyclopropanes based on pyridinium ylides
AUTHOR(S): Shestopalov, A. M.; Sharanin, Yu. A.; Litvinov, V. P.; Nefedov, O. M.
CORPORATE SOURCE: Voroshilovgr. Gos. Univ., Voroshilovgrad, USSR
SOURCE: Zhurnal Organicheskoi Khimii (1989), 25(5), 1111-12
CODEN: ZORKAE; ISSN: 0514-7492
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 112:55026
GI

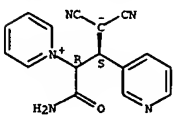


AB Generation of the title ylides by treatment of pyridinium salts I (R = Ph, X = Br; R = NH2, X = Cl) with Et3N, followed by reaction with R1CH:C(CN)2 (R1 = Ph3 4-ClC6H4, 3-pyridiyl) gave stereoselectively 65-92% cyclopropanes II (same R, R1).

IT 124982-35-0P
RL: RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(generation and cyclization of)

RN 124982-35-0 CAPLUS
CN Pyridinium, 1-[1-(aminocarbonyl)-3,3-dicyano-2-(3-pyridinyl)propyl]-, inner salt, (R*,S*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

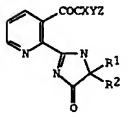


L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1988:473442 CAPLUS
DOCUMENT NUMBER: 109:73442
TITLE: Preparation of 2-(5-oxo-2-imidazolin-2-yl)pyridines as herbicides and fungicides
INVENTOR(S): Draber, Wilfried; Santel, Hans Joachim; Schmidt, Robert R.; Haenssler, Gerd; Strang, Harry
PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.
SOURCE: Ger. Offen., 13 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| DE 3634887 | A1 | 19880421 | DE 1986-3634887 | 19861014 |
| EP 270760 | A1 | 19880615 | EP 1987-114382 | 19871002 |
| R: BE, CH, DE, FR, GB, IT, LI, NL | | | | |
| JP 63101379 | A2 | 19880506 | JP 1987-253946 | 19871009 |

PRIORITY APPLN. INFO.: DE 1986-3634887 A 19861014
OTHER SOURCE(S): CASREACT 109:73442; MARPAT 109:73442
GI

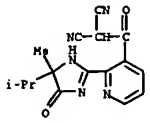


AB The title compds. [I; R1,R2 = alkyl; R1R2 = alkylene; X = H, halo, alkyl; Y = X, CN, (substituted) alkyl, alkylsulfonyl, dialkoxyphosphoryl, acyl, alkoxycarbonyl; Z = CN, NO2, acyl, alkoxy] were prepared as herbicides and fungicides (no data). NCCH2CO2Me in PhMe was added to KOCMe3 in HOCMe3 and the mixture was stirred 15 h at room temperature 3-Isopropyl-3-methyl-5H-imidazo[1',2':1,2]pyrrolo[3,2-b]pyradine-2-(3H) 5-dione was then added and the mixture was stirred for a further 15 h at room temp to give 75% I (R1 = Me, R2 = CHMe2, X = H, Y = CO2Me, Z = N).

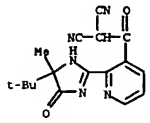
IT 115614-57-8P 115614-62-5P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as herbicide and fungicide)

RN 115614-57-8 CAPLUS
CN Propanedinitrile, [[2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

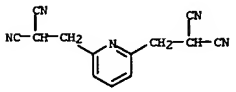
L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



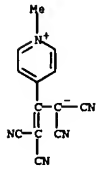
RN 115614-62-5 CAPLUS
CN Propanedinitrile, {[2-[4-(1,1-dimethylethyl)-4,5-dihydro-4-methyl-5-oxo-1H-imidazol-2-yl]-3-pyridinyl]carbonyl}- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1981:420089 CAPLUS
DOCUMENT NUMBER: 95:20089
TITLE: Palladium(II) complexes with trans bis-(carbon-metal) bonds. Ligand syntheses, complexation, x-ray analysis, and biochemical activity with supercoiled DNA
AUTHOR(S): Newkome, George R.; Kawato, Toshio; Kohli, Dalip K.; Puckett, Wallace E.; Olivier, Brian D.; Chiari, Giacomo; Fronczek, Frank R.; Deutsch, Walter A.
CORPORATE SOURCE: Dep. Chem., Louisiana State Univ., Baton Rouge, LA, 10803, USA
SOURCE: Journal of the American Chemical Society (1981), 103(12), 3423-9
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A new series of trans bis(C-Pd) complexes was prepared The initial ligands were synthesized from 2,6-bis(chloromethyl)pyridine upon treatment with an appropriate activated methylene compound When the 2:1 ligands are treated with K2PdCl4 in the presence of pyridine, the corresponding complexes are formed. A single-crystal x-ray structure anal. was conducted on PdC26H32N208, which revealed that the mol. has exact C2 symmetry, the 2 heteroarom. rings are exactly trans and essentially orthogonal, and the Pd coordination is distorted somewhat from ideal square-planar geometry. Cell consts. are a = 9.6261, b = 17.7003, and c = 15.7943 Å, with Z = 4. Bond lengths involving Pd are 2.140 for Pd-C, 2.050 for Pd-N(pyridine), and 1.967 Å for Pd-N to the tridentate ligand. The external pyridine ligand can be readily exchanged with other amines, e.g., γ-picoline. From the DNA nicking assay it appears that these trans-Pd complexes do not act on DNA, whereas, the related cis-organopalladium reagents are highly active, a relation analogous to the well-known Pt(II) series.
IT 77503-05-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and palladium coordination with)
RN 77503-05-0 CAPLUS
CN 2,6-Pyridinedipropanenitrile, α,α'-dicyano- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1975:443146 CAPLUS
DOCUMENT NUMBER: 83:43146
TITLE: Addition reactions of heterocyclic compounds. LXI. Reactions of electrophilic acetylenes with conjugated cyclic enamines
AUTHOR(S): Acheson, R. Morrin; Woollard, John
CORPORATE SOURCE: Dep. Biochem., Univ. Oxford, Oxford, UK
SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1975), (8), 744-8
CODEN: JCPRB4; ISSN: 0300-922X
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Addnl. data considered in abstracting and indexing are available from a source cited in the original document. 4-Methylenepyridine derivs. with electrophilic alkynes underwent Michael addition to give 1:1 and 1:2 adducts followed by proton shift. E.g., I with MeO2CC.tplbond.CCO2Me gave II and with EtO2CC.tplbond.CCO2Et I gave III and IV. 2-Methylenepyridines reacted similarly giving 1:2 adducts.
IT 56235-68-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 56235-68-8 CAPLUS
CN Pyridinium, 4-[2,2-dicyano-1-(dicyanomethyl)ethenyl]-1-methyl-, inner salt (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1961:50677 CAPLUS
DOCUMENT NUMBER: 55:50677
ORIGINAL REFERENCE NO.: 55:9773d-e,9774a-b
TITLE: O,O-dialkyl S-[(dicyanomethyl)alkyl] phosphorothiolothionates
INVENTOR(S): McCall, Marvin A.; Coover, Harry W., Jr.
PATENT ASSIGNEE(S): Eastman Kodak Co.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| US 2957007 | | 19601018 | US | |

AB Di-Et phosphorothiolothionate (0.1 mole), 0.1 mole 1-methoxyethylidenemalonitrile, and 5-6 drops Et3N (catalyst) heated 6 hrs. on a steam bath gave O,O-di-Et S-(1-dicyanomethyl-1-methoxyethyl)phosphorothiolothionate. Likewise prepared were the following phosphorothiolothionates: O,O-di-Pr S-(1-dicyanomethyl-1-ethoxyethyl), O,O-bis(2-methoxyethyl) S-(1-dicyanomethyl-1-ethoxyethyl), O,O-bis(2-chloroethyl) S-(1-dicyanomethyl-1-ethoxyethyl), O,O-di-Et S-(1-dicyanomethyl-1-ethoxyethyl), O,O-di-Et S-(2,2-dicyano-1-ethoxyethyl), O-Et O-Pr S-(α-dicyanomethyl-α-ethoxybenzyl), O-Et O-Me S-[2,2-dicyano-1(ethylthio)ethyl], O,O-di-Et S-[p-chloro-α-(dicyanomethyl)benzyl], O,O-di-Et S-(α-(dicyanomethyl)-m-nitrobenzyl], O,O-di-Et S-[o-chloro-α-(dicyanomethyl)benzyl], O,O-bis-(2,2,2-trichloroethyl) S-[2,2-dicyano-1-(2-thienyl)ethyl], O,O-di-Et S-(1-dicyanomethyl)cyclohexyl, O,O-di-Et S-[1(2-pyridyl)-2,2-dicyanoethyl], and O,O-di-Et S-(2,2-dicyanoethyl). Data are given showing the effectiveness of the title compds. against adult 2-spotted mites Tetranychus bimaculatus on bean leaves, and their greater activity than the corresponding monocyanoalkyl derivs.
IT 106275-70-1, Malononitrile, (mercapto-2-pyridylmethyl)-, S-ester with O,O-di-Et phosphorodithioate
(preparation of)
RN 106275-70-1 CAPLUS
CN Phosphorodithioic acid, S-[2,2-dicyano-1-(2-pyridyl)ethyl] O,O-diethyl ester (6CI) (CA INDEX NAME)